**Description**

The Scientific Working Group for the Analysis of Seized Drugs, SWGDRUG, is comprised of a core committee of more than 20 forensic scientists from around the world. The mission of SWGDRUG is to recommend minimum standards for the forensic examination of seized drugs and to seek their international acceptance.

SWGDRUG has compiled an infrared (ATR-IR) library as well as Mass Spectrometry library of drugs that are available for download from their website (www.swgdrug.org). The Drug Enforcement Administration’s Special Testing and Research Laboratory generated these libraries using structurally confirmed reference materials.

Bio-Rad offers access to select records from this database, some of which contain both the IR and mass spectrum.

**Additional Information**

Each record in this multi-technique database contains the common name of the drug, known synonyms, the CAS Registry Number, the lot number of the drug, the formula, molecular weight, the polar surface area predicted value, and the chemical structure when available. Comments on how the data was run in infrared (ATR-IR), the instrument used, the method used to measure the mass spectra, the technique of each spectrum and the origin of the spectra are displayed. Also, the monograph for the drug is provided as an attachment when available. A weblink to the Forensic Drug Review is provided for some drugs.

- The infrared spectra were provided by the DEA, Drug Enforcement Administration, and the SFL1, the Special Testing and Research Laboratory.

- The mass spectra in the database were provided by the DEA, Drug Enforcement Administration, the SWL, Southwest Laboratory, the SCL, South Central Laboratory, the WRL, Western Laboratory, the SFL1, Special Testing and Research Laboratory, AAFS, American Academy of Forensic Scientists (provided by Dr. Graham Jones, Graham.Jones@gov.ab.ca), ENFSI/DWG, European Network of Forensic Science Institutes/Drugs Working Group, Jason Nawyn, US Army Forensic Chemist Jason Nawyn, (jason.nawyn@us.army.mil), QHFSS, Queensland Health Forensic and Scientific Services, Cayman Chemical (www.caymanchem.com), ForensicDB, RTI International/ForensicDB, and the Broward Sheriff Office, Broward County, Florida.